

FIG. 1 Personal Digital Assistant Communication Techniques

100

PRIOR ART

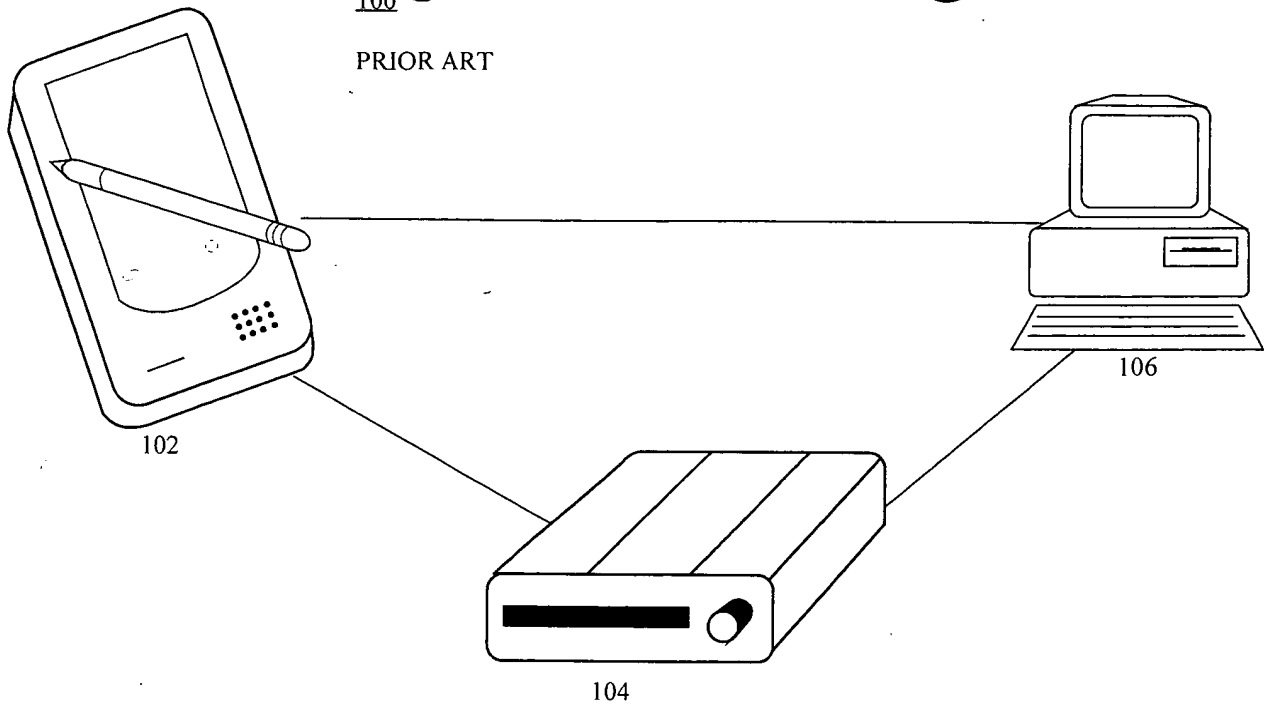


FIG. 100 - PRIOR ART

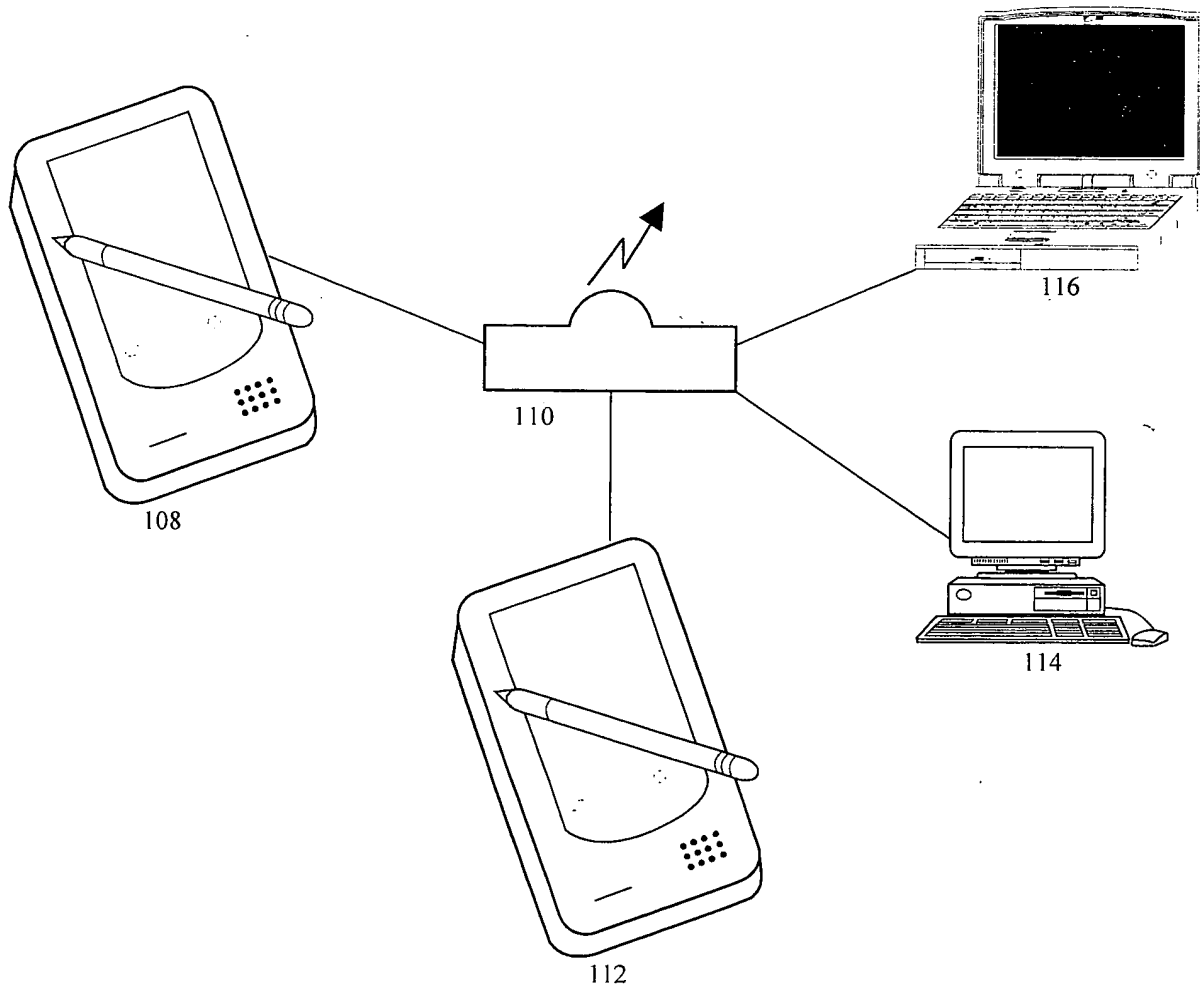


FIG. 2 Remote Optical Digital Networking of Computing Devices

200 T O T C O w t t e s s d d ( )

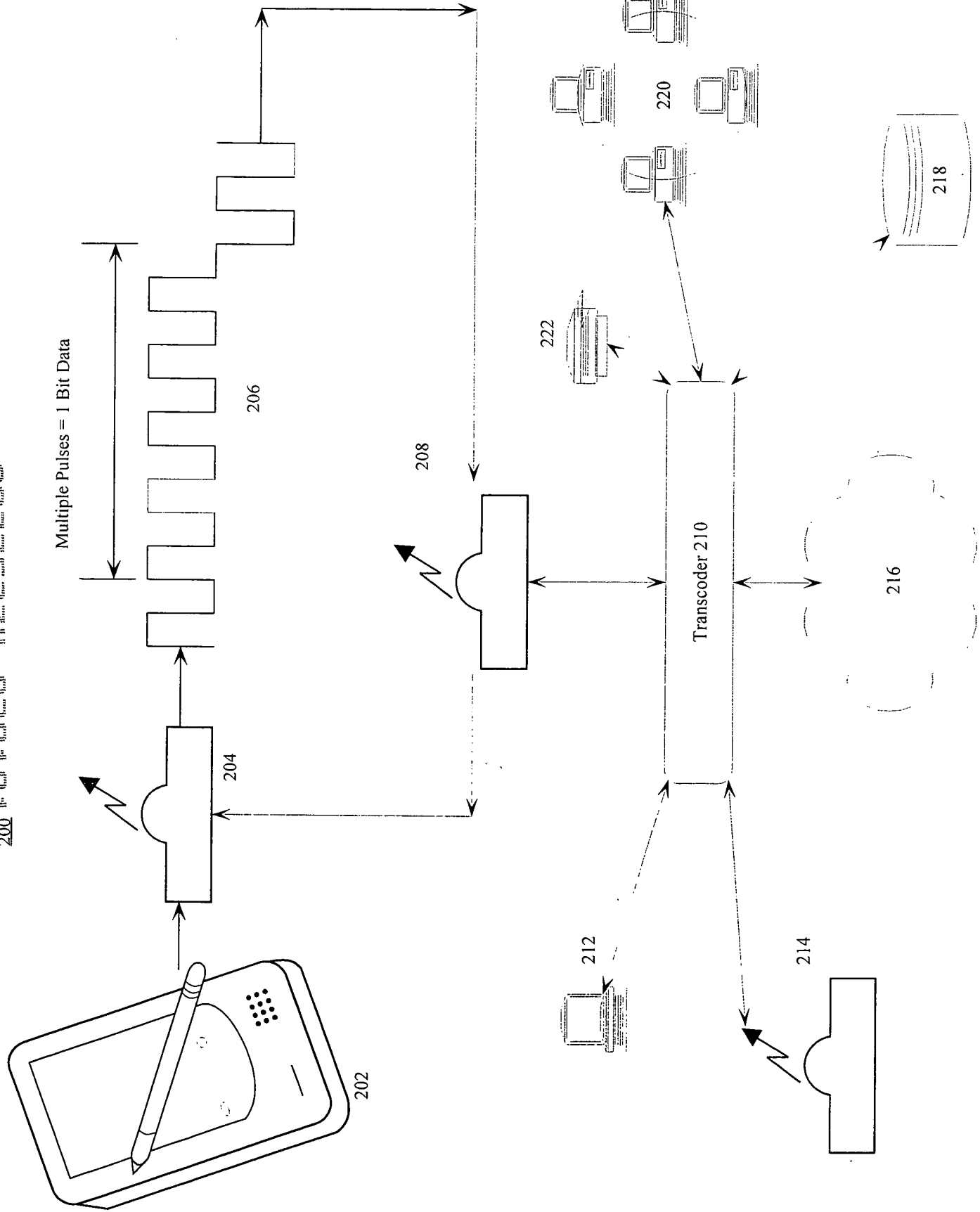


FIG. 3 Remote Optical Digital Networking Showing the Internal Structure of an Access Point

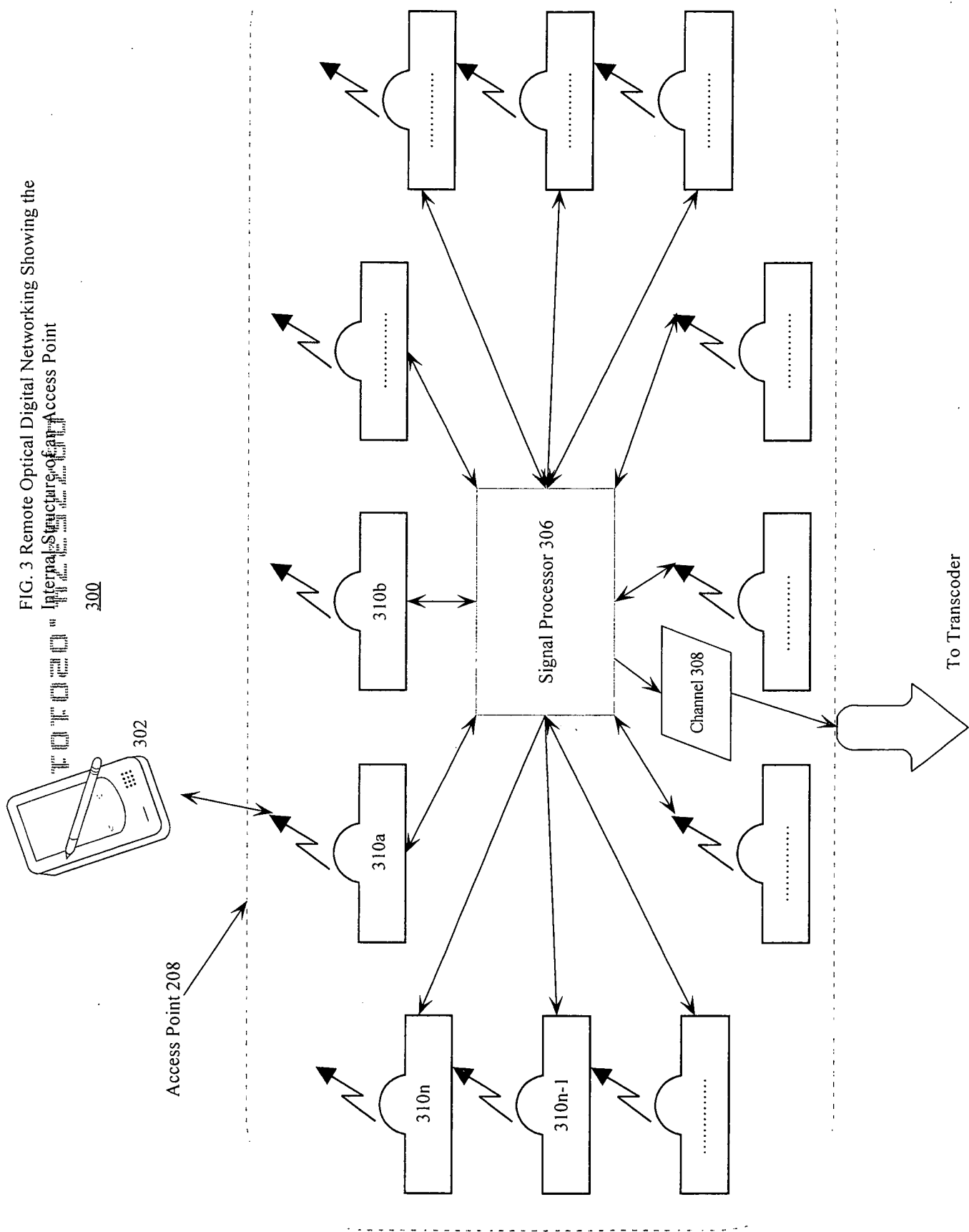


FIG. 4 Personal Digital Assistant with Indication of Signal Strength

400

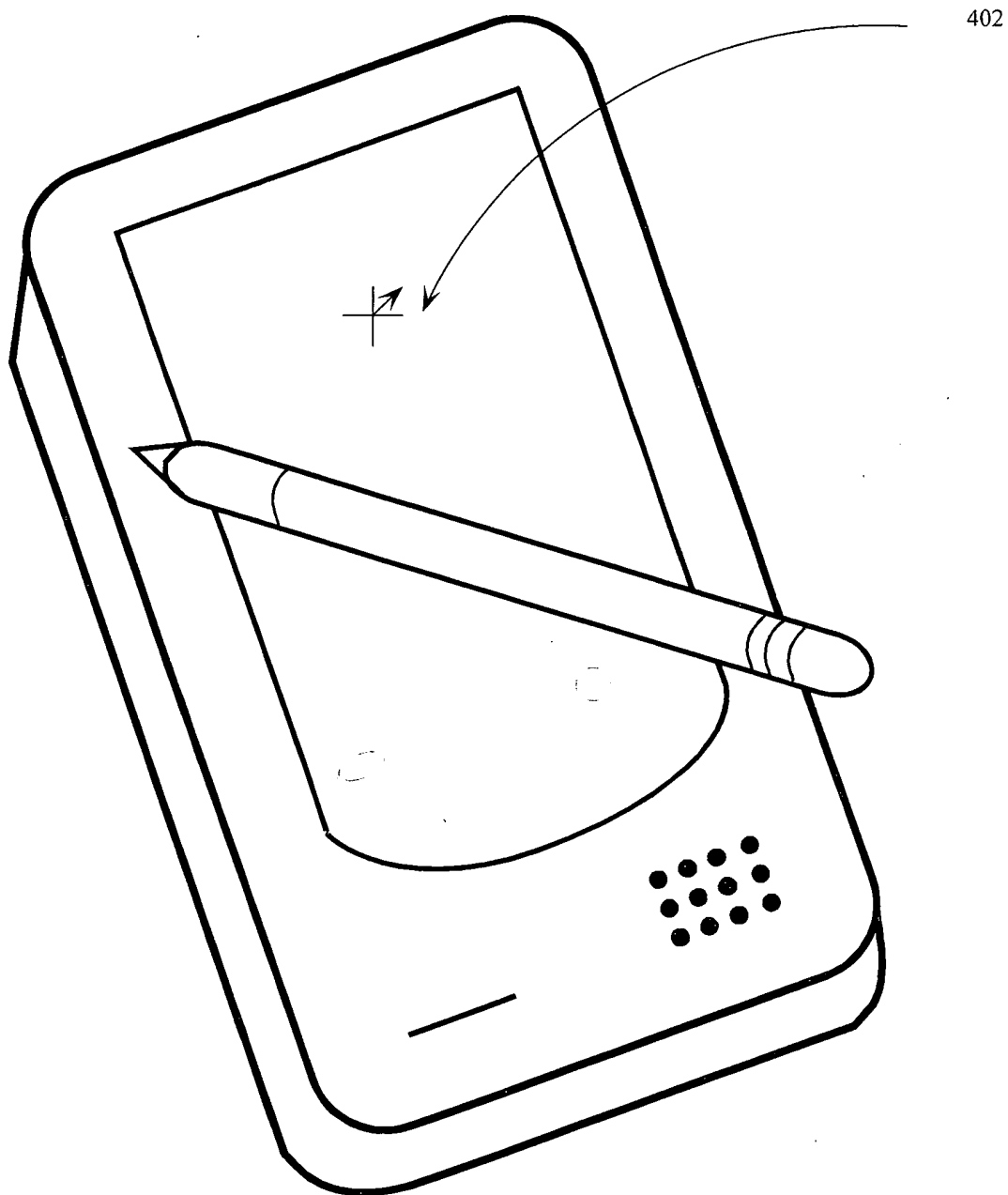


FIG. 4

# Figure 5 PDA Software

Fig 5A

Conventional IR Communication

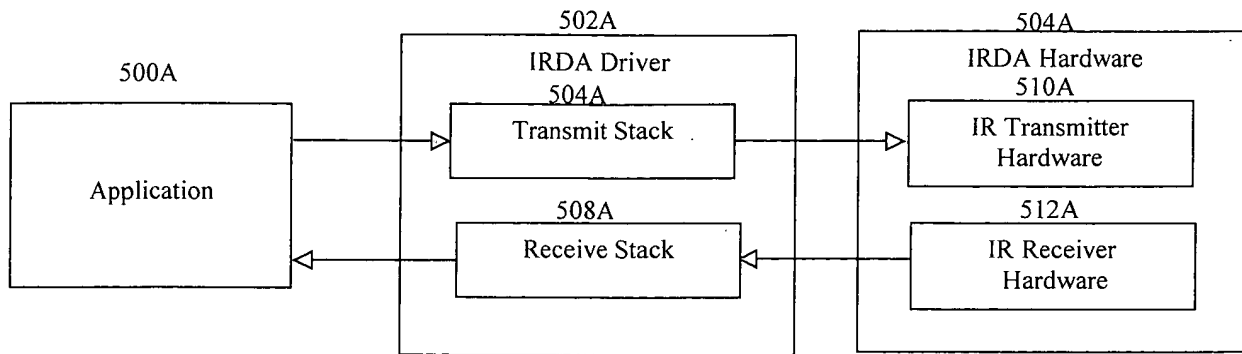


Fig 5B

Extended Range Symmetric IR Communication

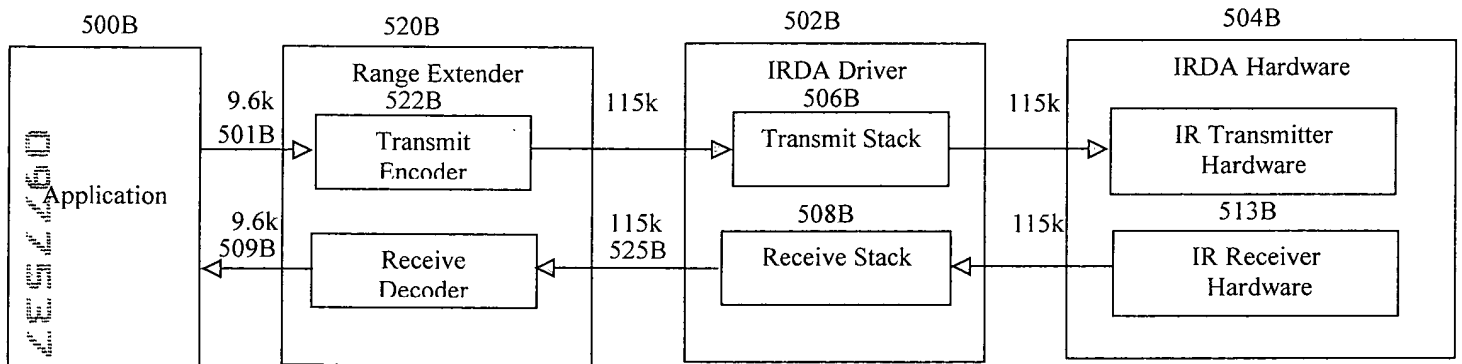


Fig 5C

Extended Range Asymmetric IR Communication

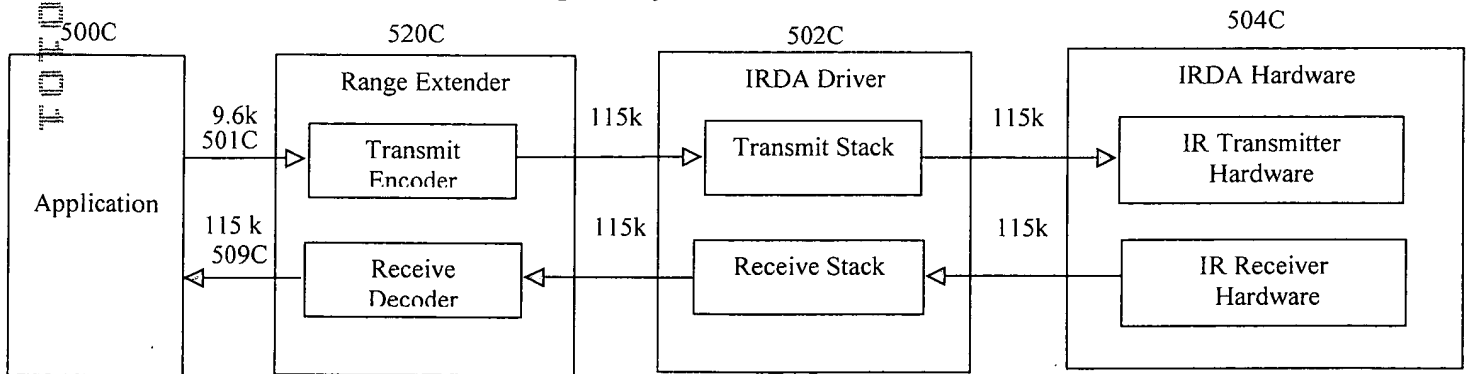


Fig 5D

Extended Range Symmetric IR Communication

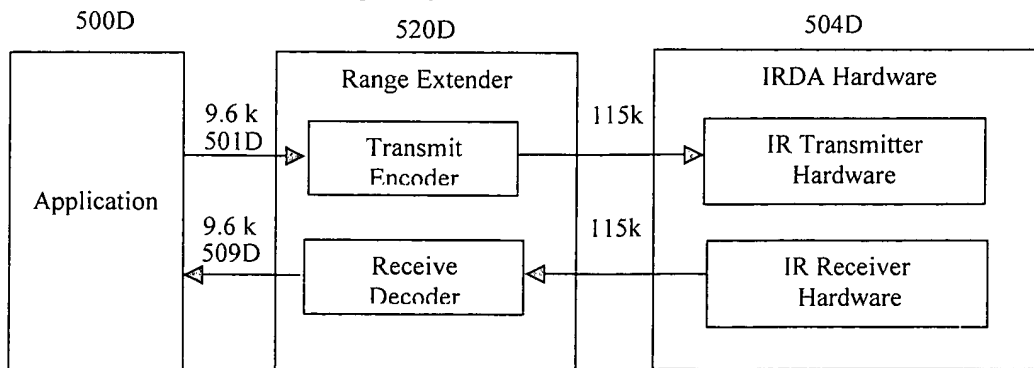


Figure 6 Transmit Encoder

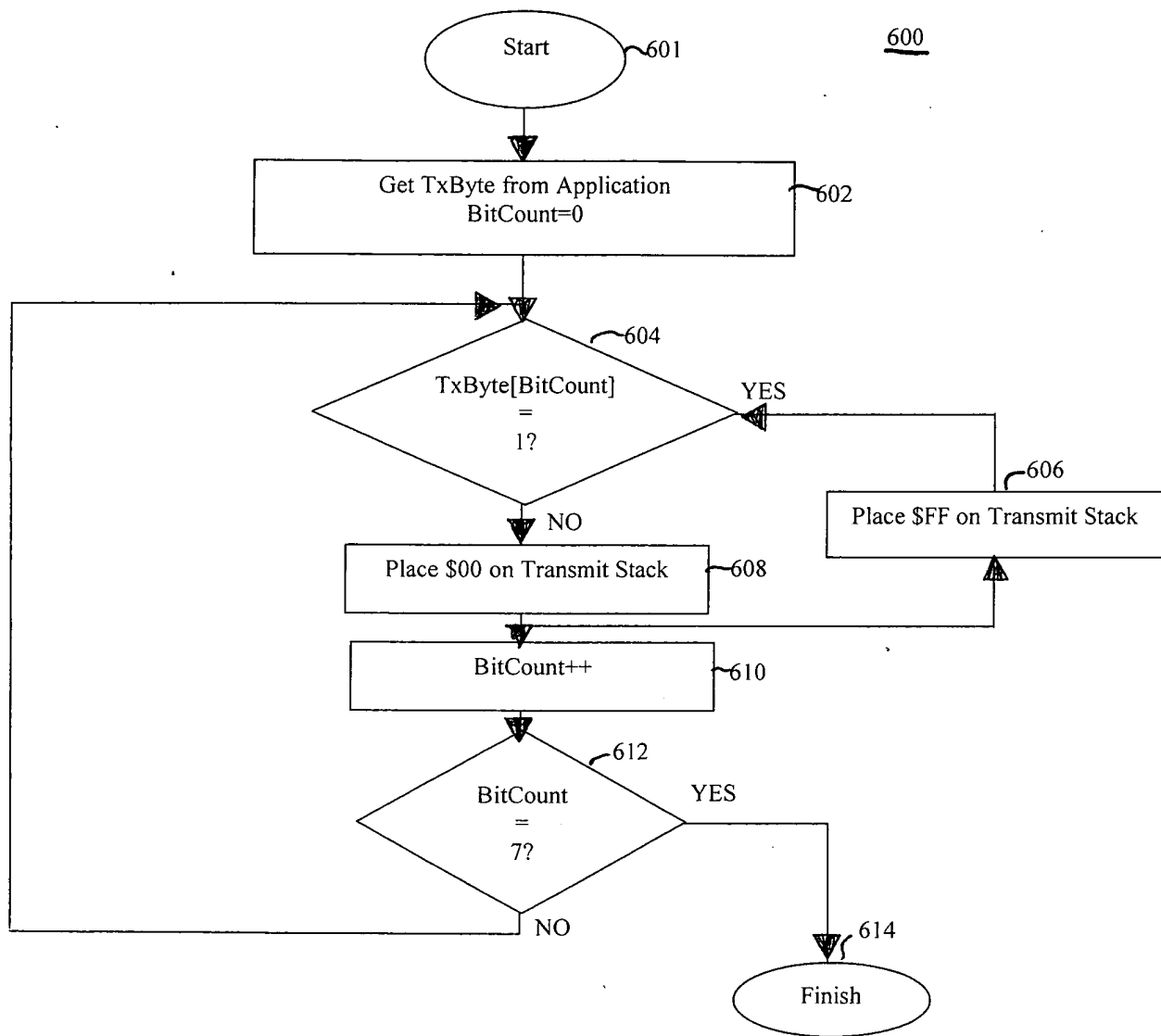


Figure 7 Receive Decoder

700

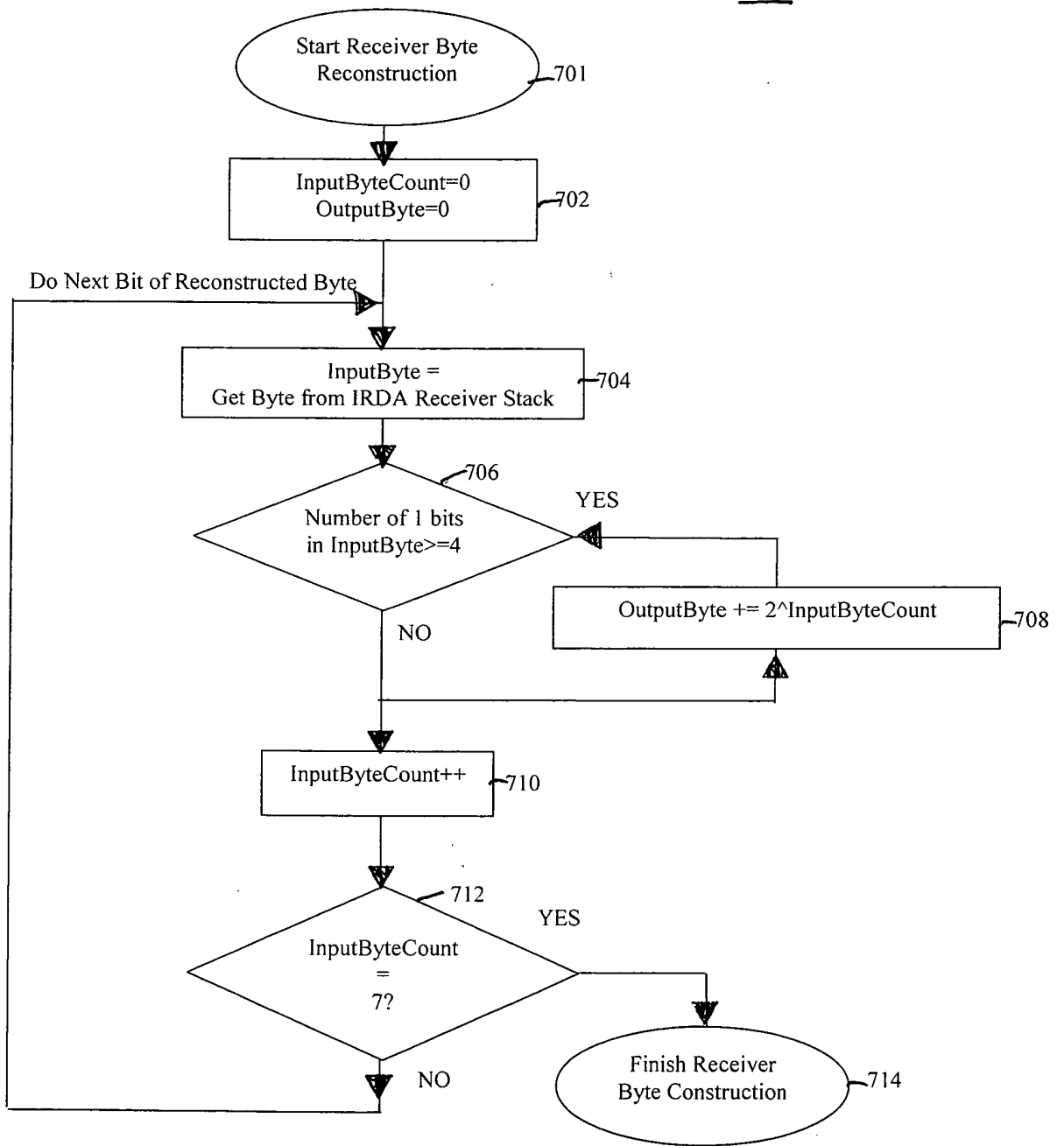
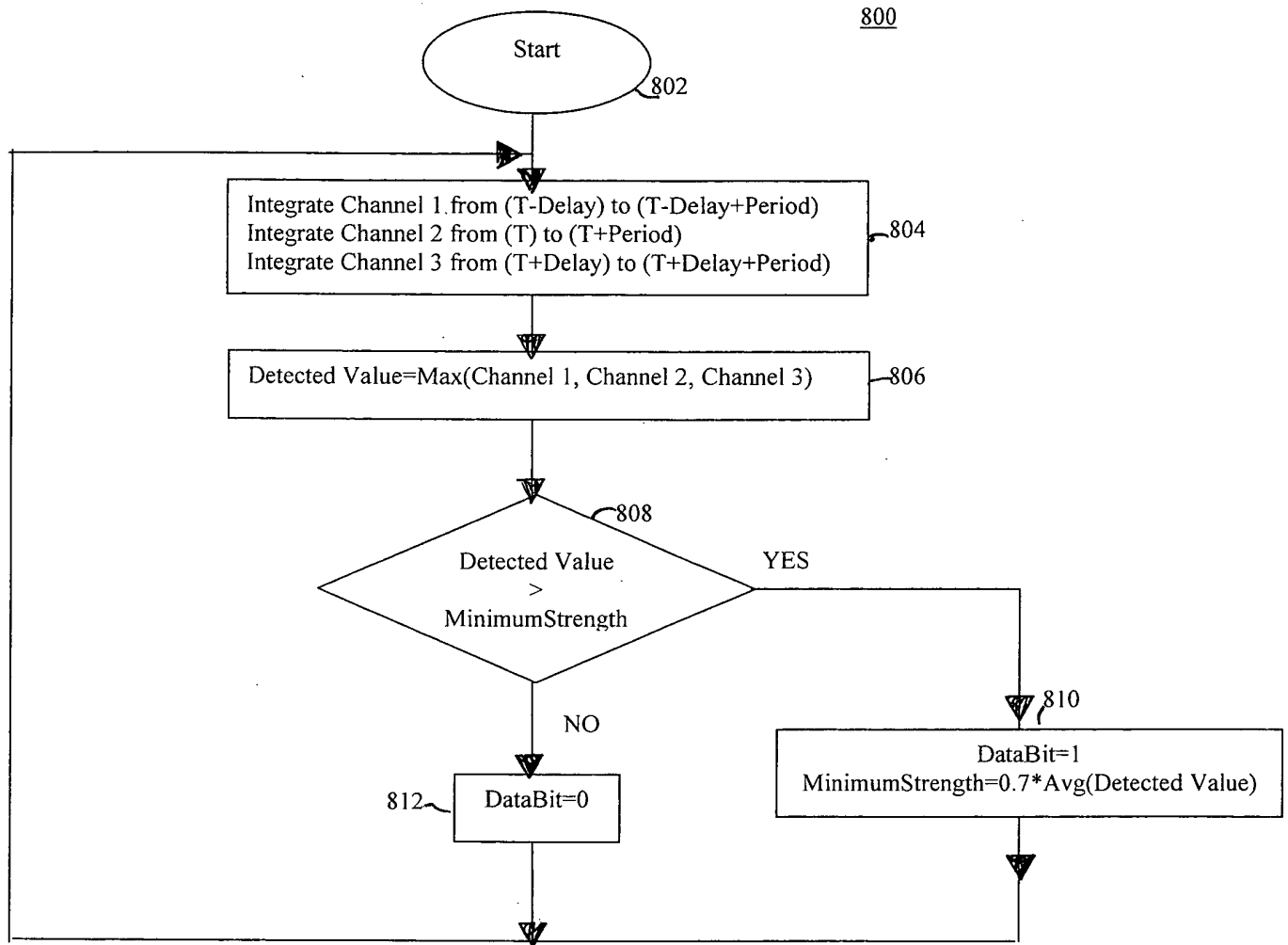


Figure 8

IR Probe Receiver Synchronization Base Station



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